

REMARKS

Claims 1, 2, 4-9, 11-16 and 18-37 are currently pending in the application. Claims 1, 11, 14, 21, 25, 29, 33-36 have been amended. Claim 17 has been canceled without prejudice. The subject matter of claim 17 has been incorporated in claims 1, 14, 21, 25, 29, 33-36. No new matter is introduced.

Allowable Subject Matter

Applicants thank the Examiner for deeming claim 17 as allowable. In light of the Examiner's suggestion to modify each independent claim by way of claim 17, Applicants amend independent claims 1, 14, 21, 25, 29 and 33-36 to include the subject matter of allowable claim 17 to expedite the prosecution of the present application. Applicants reserve the right to file the same or similar claims (as they stand before the amendments) in a continuing application.

Claim Rejections under 35 U.S.C. § 103

Claims 1-7, 11-14, 18-26, 28-36 were rejected under 35 U.S.C. 103(a) as being unpatentable by Dwan et al., titled, "Introducing Simulink into a Systems Engineering Curriculum" (1993) (hereafter "Dwan"), in view of Jantsch et al., titled, "Composite Signal Flow: A computational model combining sampled streams, and vectors" (hereafter "Jantsch").

Claims 8, 9 and 15 and 27 were rejected under 35 U.S.C. 103(a) as being unpatentable over Dwan in view of Jantsch and further in view of Austin et al., titled, "Structure Matrix Computations with Units."

Applicants respectfully submit that the rejection of claims 1-8, 11-15 and 18-36 under 35 U.S.C. § 103(a) has been rendered moot in light of the amendments. Foregoing amendments are made solely to expedite the prosecution of the present application. Applicants do not acquiesce to the rejection of the claims and reserve the right to prosecute the claims as previously pending in continuing applications. Accordingly, Applicants respectfully submit that all pending claims are in allowable condition.

CONCLUSION

In view of the above comments, Applicants believe the amendments place the case in condition for allowance. Should the Examiner deem that a teleconference would expedite the prosecution of this application, the Examiner is urged to contact the Applicants attorney at (617) 227-7400.

Please charge any shortage or credit any overpayment of fees to our Deposit Account No. 12-0080, under Order No. MWS-040RCE. In the event that a petition for an extension of time is required to be submitted herewith, and the requisite petition does not accompany this response, the undersigned hereby petitions under 37 C.F.R. § 1.136(a) for an extension of time for as many months as are required to render this submission timely. Any fee due is authorized to be charged to the aforementioned Deposit Account.

Dated: April 17, 2008

Respectfully submitted,

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